



208850

Sanjet Area 2, Sanjet IL



"Vandiver, Gary W"
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>

01/30/2004 12:44 PM

To: "Vandiver, Gary W" <gwvand@solutia.com>, Kenneth Bardo/R5/USEPA/US@EPA, tiltges@inquip.com, Bob Grady <rfgady@hotmail.com>, Clair.Morris@ch2m.com, Nabil Fayoumi/R5/USEPA/US@EPA, namy@inquip.com, Ning.Li@ch2m.com, Peter.Barrett@ch2m.com, Sandra.Bron@epa.state.il.us, "Yare, Bruce S" <bsyare@solutia.com>, "Williams, Richard S" <rswill1@solutia.com>
cc: "Smith, Steven D" <sdsmit@solutia.com>
Subject: RE: Construction Meeting Notes from January 27, 2004

<<Station Fill Depth Tracking 1-23-04.xls>>

Here's the slurry wall profile.

Gary
Gary Vandiver
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-----Original Message-----

From: Vandiver, Gary W**Sent:** Friday, January 30, 2004 12:41 PM

To: 'Bardo.Kenneth@epamail.epa.gov'; tiltges@inquip.com; Bob Grady; Clair.Morris@ch2m.com; Nabil Fayoumi. (Fayoumi.Nabil@epamail.epa.gov); namy@inquip.com; Ning Li (Ning.Li@ch2m.com); Peter.Barrett@ch2m.com; Sandra Bron (Sandra.Bron@epa.state.il.us); Yare, Bruce S; Williams, Richard S

Cc: Smith, Steven D**Subject:** Construction Meeting Notes from January 27, 2004

Here is a summary of the January 27 construction meeting. Please let me know if you have any additions/corrections.

Attendees:

Bardo, Ken - via teleconference
Barrett, Peter - via teleconference
Bron, Sandra - via teleconference
Farris, C.W. - Inquip
Fayoumi, Nabil - via teleconference
Grady, Bob - Inquip
Morris, Claire
Smith, Steve - via teleconference
Tiltges, Dan - Inquip
Williams, Richard
Vandiver, Gary
Yare, Bruce

Safety

- There have been no incidents/injuries in the past 41 days. Employee safety attitude is good.

Slurry Wall

- Total excavation through Friday, January 23, 2004 = 217,982 sq ft.
- Total backfill through Friday, January 23, 2004 = 107,914 sq ft. (106,843 + 1,071 placed on 1/23)
- Only one clamshell is working to clean ahead of backfill. Excavation has been completed to the southwest corner. The trench profile is attached.

GMCS Pumping System

- Pumping rates are variable. The GMCS is operating automatically with flows adjusted based on river water level. Groundwater levels have been lower than river levels approximately 50% of the time in December and January. The system is not able to respond quickly enough when the river level drops quickly and it takes 1 - 3 days to lower groundwater levels to the river level. The river level can change as much as 3'-4' in one day. Changes to the control system are being made in an attempt to maintain groundwater levels below river level continuously.
- On Friday January 23, the control logic was changed to control groundwater level to +0 to -12" of river water level. It was controlling at $\pm 6"$ of river water level.
- Other control points are being considered since river level changes so rapidly. The ROD specifies:

"Pumping rates will be adjusted so that water-level elevation in the inside piezometer is the same as the water-level elevation in the outside piezometer. This will ensure that groundwater moving to the physical barrier is controlled."

Measurement of inside and outside piezometer levels can demonstrate control even though the barrier wall is not complete. Proposed changes will be forwarded to the Agencies.

- Piezometer and pumping data will be forwarded to the Agencies weekly.

Box Culvert

- The box culvert is scheduled to be broken out next week.

Next meeting

- The next regular meeting will be on **Tuesday February 3 at 10:00 am**

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